

Work Order ID 78566

78566

Page 1

January-11-12 10:58:05 AM

Item ID: D412-630-031

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012 Start Qty: 2.00

2

Cust Item ID:

Required Date: 25/01/2012 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: M.C.S Date: 12/01/11 Tooling:

Date:

QC: Date: SPC (Y/N):

Date:

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
IIN D412-630	Rev M								
100	DOCUMENT CONTROL	0.00							
100									
DC	Memo	0.00							
Document Control	Photocopy D412-630 bluefile & type labels per PPP412-630-031 CHG003								
110	Small Fab	0.00							
110									
Small Fab	Memo	0.00							
Small Fab	Assemble as per IIN D412-630								
	ensure tension to retract step is 11 to 18 lbs before installing lockwire.								
120	QC5- Inspect part completeness to step on W/O	0.00							
120									
QC	Memo	0.00							
Quality Control	***ensure tension to retract step is 11 to 18 lbs ***								

[Handwritten signature] 12-2-14 (2)

[Handwritten signature] 12/02/15 (2)

(2) 44

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 78566

January-11-12 10:58:05 AM

78566

Page 2

Item ID: D412-630-031

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012 Start Qty: 2.00

2

Cust Item ID:

Required Date: 25/01/2012 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Pick Kit

0.00

130

Packaging

Memo

0.00

Packaging

12/21/15 5/2

140

QC4- 100% Inspect kits for completeness

0.00

140

QC

Memo

0.00

Quality Control

8/2/21/15

x2
47

150

Packaging

0.00

150

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-630-031

Location: 20
PPP Rev: 20

12/21/15 5/2

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 78566***78566***

Page 3

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Item ID: D412-630-031

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N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012 Start Qty: 2.00

2

Cust Item ID:

Required Date: 25/01/2012 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start ***NR1***

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00


160

QC

Memo

0.00

Quality Control

 M.C.J. 12/02/15YMF
12-02-15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January-11-12 10:58:09 AM

Page 1

Work Order ID: 78566

78566

Parent Item: D412-630-031

D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012

Required Date: 25/01/2012

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV. A 05.11.21 NEW ISSUE EC
IPP REV. B 05.12.19 updated pick list EC
IPP REV. C 07.11.12 ecn 1019,no chg EC verified by DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN310-4		Purchased	No			130	Each	64.0000	1	2			
AN310-4									**				

Location Loc Qty Loc Code

ST344 64
119328 1
119799 13
120124 50

AN310-5		Purchased	No			130	Each	70.0000	2	4			
AN310-5									**				

Location Loc Qty Loc Code

ST344 70
118112 20
120124 50

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

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Page 2

Work Order ID: 78566

78566

Parent Item: D412-630-031

D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012

Required Date: 25/01/2012

Start Qty: 2.00

Required Qty: 2.00

AN3C5A

Purchased

No

130

Each

772.0000

3

6

AN3C5A

Bolt

**

M1204238

Location

Loc Qty

Loc Code

FP001

7

115835

7

ST350

765

116419

28

117343

17

117764

37

117872

2

119127

500

119749

181

AN44-C12

Purchased

No

130

Each

38.0000

1

2

AN44-C12

eyebolt

**

5/2

Location

Loc Qty

Loc Code

ST362

38

120139

38

AN4C15

Purchased

No

130

Each

55.0000

1

2

AN4C15

BOLT

**

2/2/14

Location

Loc Qty

Loc Code

ST358

55

118652

5

119531

10

120124

40

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 3

Work Order ID: 78566

78566

Parent Item: D412-630-031

D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012

Required Date: 25/01/2012

Start Qty: 2.00

Required Qty: 2.00

AN5C11
S2 ***AN5C11***
BOLT

Purchased No

130 Each

54.0000

1

2

**

Location

Loc Qty

Loc Code

ST337

54

114801

14

120139

40

AN5C15
S2 ***AN5C15***
BOLT

Purchased No

130 Each

48.0000

1

2

**

Location

Loc Qty

Loc Code

ST338

48

117616

8

120139

40

AN960C516
S2 ***AN960C516***
WASHER

Purchased No

130 Each

12.0000

1

2

**

Location

Loc Qty

Loc Code

ST337A

12

102842

12

D3454-1
S2 ***D3454-1***
Bushing

Manufactured No

130 Each

21.0000

1

2

**

Location

Loc Qty

Loc Code

ST044

21

58555

1

74730

20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Page 4

Work Order ID: 78566

78566

Parent Item: D412-630-031

D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012

Required Date: 25/01/2012

Start Qty: 2.00

Required Qty: 2.00

D3454-3

Manufactured No

130 Each

12.0000

2 4

D3454-3

Bushing

**

B77616

Location

Loc Qty

Loc Code

ST054

12

73348

12

D3454-5

Manufactured No

130 Each

14.0000

2 4

D3454-5

Bushing

**

B78190

Location

Loc Qty

Loc Code

ST044

14

73343

14

D3455-1

Manufactured No

130 Each

33.0000

4 8

D3455-1

Spacer

**

B77568

Location

Loc Qty

Loc Code

ST044

33

73302

3

77043

30

D3455-3

Manufactured No

130 Each

34.0000

2 4

D3455-3

Spacer

**

SP

Location

Loc Qty

Loc Code

ST044

34

72163

6

76958

28

D3462-041

Manufactured No

130 Each

0.0000

1 2

D3462-041

Bracket Assembly

**

B78912 n/2/14

January-11-12 10:58:09 AM

Shop Packet Print

Page 4

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January-11-12 10:58:09 AM

Work Order ID: 78566

78566

Parent Item: D412-630-031

D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012

Required Date: 25/01/2012

Start Qty: 2.00

Required Qty: 2.00

MS21043-3

Purchased

No

130

Each

1,273.000

3

6

**

MS21043-3

Nut

Location

Loc Qty

Loc Code

FG

72

103691

72

ST300

662

119901

662

ST301

539

118077

2

118614

441

118686

30

119758

66

MS24665-227

Purchased

No

130

Each

166.0000

2

4

**

MS24665-227

COTTER PIN

Location

Loc Qty

Loc Code

ST309

166

111041

66

120124

100

MS24665-229

Purchased

No

130

Each

285.0000

2

4

**

MS24665-229

COTTER PIN

Location

Loc Qty

Loc Code

ST309

285

111041

98

118234

187

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 78566

78566

Parent Item: D412-630-031

D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012

Required Date: 25/01/2012

Start Qty: 2.00

Required Qty: 2.00

NAS1149C0363R

Purchased

No

130

Each

3,706.000

7

14

NAS1149C0363R

**

Washer

Location

Loc Qty

Loc Code

ST297

3706

114742

3706

130

Each

105.0000

1

2

NAS1515H5

Purchased

No

NAS1515H5

**

Washer

Location

Loc Qty

Loc Code

FG

40

103286

20

103691

20

ST277

65

103286

65

D3463-041

Manufactured

No

110

Each

0.0000

1

2

D3463-041

**

Step Weldment Assembly

D3443-043

Manufactured

No

110

Each

0.0000

1

2

D3443-043

**

Strut Weldment Assembly

D3443-041

Manufactured

No

110

Each

3.0000

1

2

D3443-041

**

Strut Weldment Assembly

Location

Loc Qty

Loc Code

ST198A

3

73612

3

B77699 (1X)
B78187 (1X)

January-11-12 10:58:09 AM

Shop Packet Print

Page 6

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January-11-12 10:58:09 AM

Work Order ID: 78566

78566

Parent Item: D412-630-031

D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012

Required Date: 25/01/2012

Start Qty: 2.00

Required Qty: 2.00

D3443-9 Manufactured No

110 Each

20.0000

2 4

D3443-9

Pin

**

Location

Loc Qty

Loc Code

ST045

20

76959

20

D3454-7 Manufactured No

110 Each

14.0000

2 4

D3454-7

Bushing

**

Location

Loc Qty

Loc Code

ST044

14

73346

14

D3455-1 Manufactured No

110 Each

33.0000

2 4

D3455-1

Spacer

**

Location

Loc Qty

Loc Code

ST044

33

73302

3

77043

30

D3465-1 Manufactured No

110 Each

17.0000

1 2

D3465-1

Washer

**

Location

Loc Qty

Loc Code

ST045

17

73449

17

Ep 12/02/15
B78189 (4K)
Ep 12/02/15
B78194 (4K)
Ep 12/02/15
B77568 (4K)
Ep 12/02/15
2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

January-11-12 10:58:10 AM

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Work Order ID: 78566

78566

Parent Item: D412-630-031

D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012

Required Date: 25/01/2012

Start Qty: 2.00

Required Qty: 2.00

AN4CH3 Purchased No

110 Each 64.0000 2 4

AN4CH3

SS Bolt

**

Location

Loc Qty

Loc Code

ST357

64

117616

1

118757

3

118758

20

120139

40

AN4C14 Purchased No

110 Each 60.0000 1 2

AN4C14

BOLT

**

Location

Loc Qty

Loc Code

ST357

60

117688

20

120141

40

AN310-4 Purchased No

110 Each 64.0000 1 2

AN310-4

NUT

**

Location

Loc Qty

Loc Code

ST344

64

119328

1

119799

13

120124

50

AN310-7 Purchased No

110 Each 72.0000 1 2

AN310-7

NUT

**

Location

Loc Qty

Loc Code

ST344

72

114784

22

119749

10

120124

40

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Shop Packet Print

Page 8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 78566

78566

Parent Item: D412-630-031

D412-630-031

Parent Item Name: Pilot/Co-Pilot Step, LH (Folding)

Start Date: 11/01/2012

Required Date: 25/01/2012

Start Qty: 2.00

Required Qty: 2.00

MS24665-227

Purchased

No

110

Each

166.0000

1

2

MS24665-227

COTTER PIN

**

EP 12/02/15

Location

Loc Qty

Loc Code

ST309

166

111041

66

120124

100

2

MS24665-302

Purchased

No

110

Each

77.0000

1

2

MS24665-302

Cotter Pin

**

EP 12/02/15

Location

Loc Qty

Loc Code

ST309

77

117460

77

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

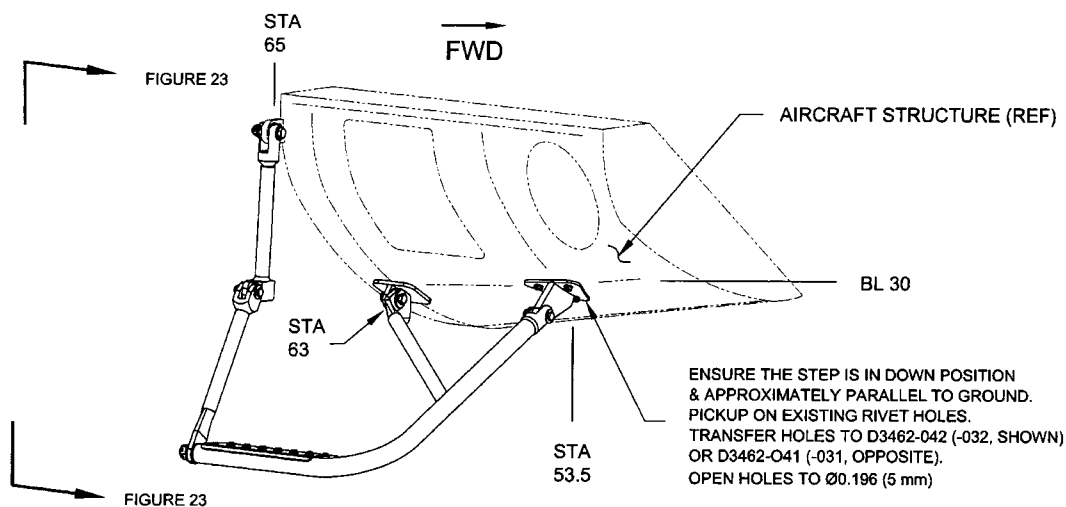
D412-630-031/-032 Pilot/Co-Pilot Folding-Step Installation

FIGURE 21 – Isometric View D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown), D412-630-031 LH (Opposite)

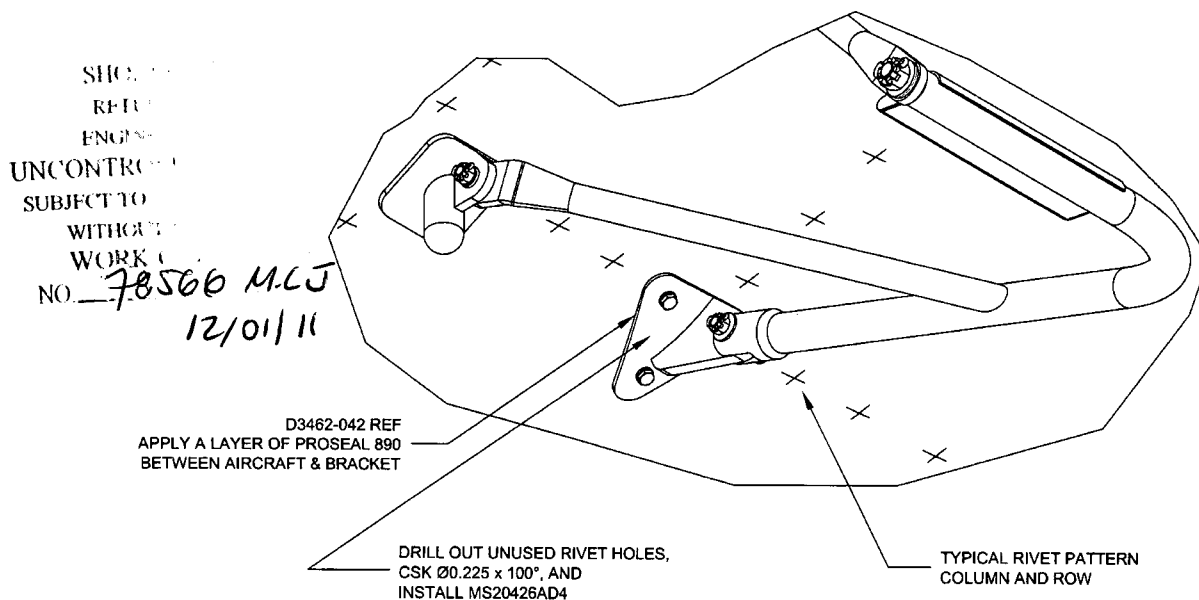


FIGURE 22 – Detail View D3462-042 Bracket Assembly (-032 Installation, Shown) D3462-041, (-031 Installation Opposite)

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Revision: **M**
Date: 08.12.12

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

78566

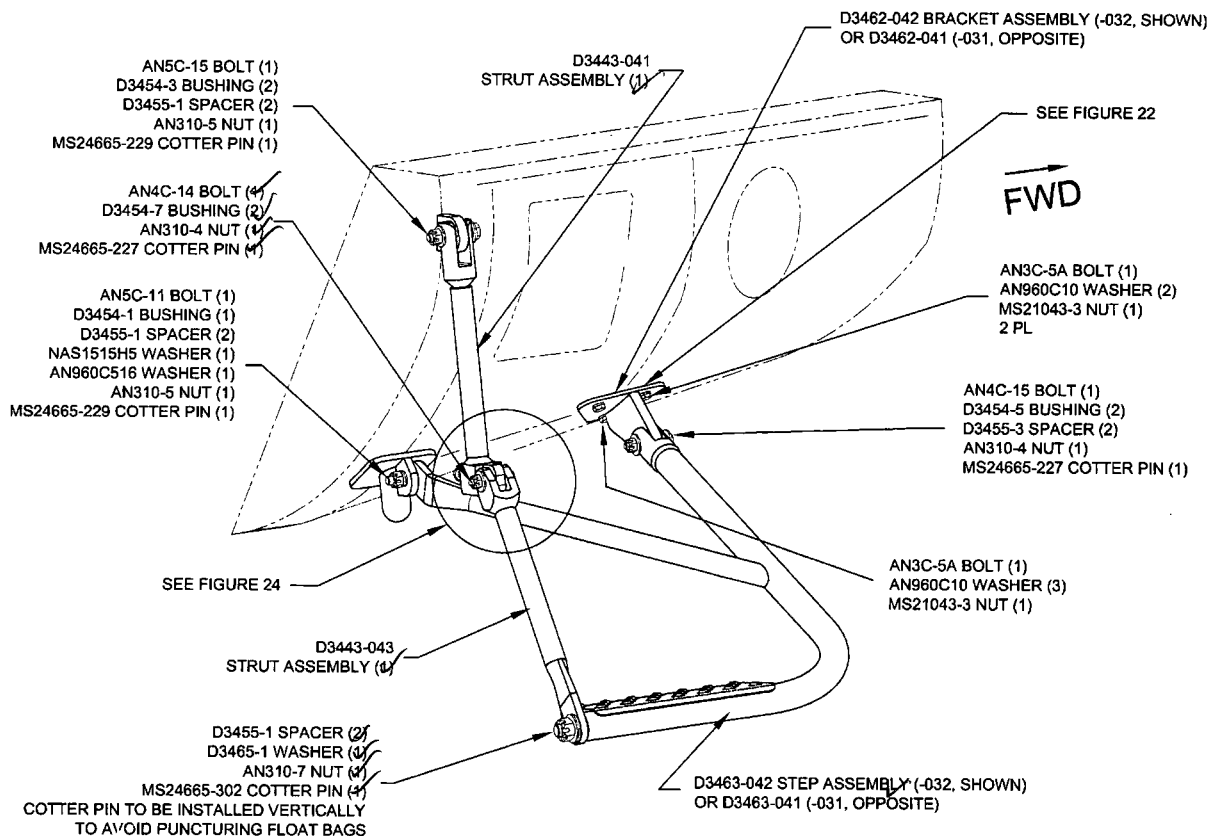


FIGURE 23 – Isometric View D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown)
D412-630-031 LH (Opposite)

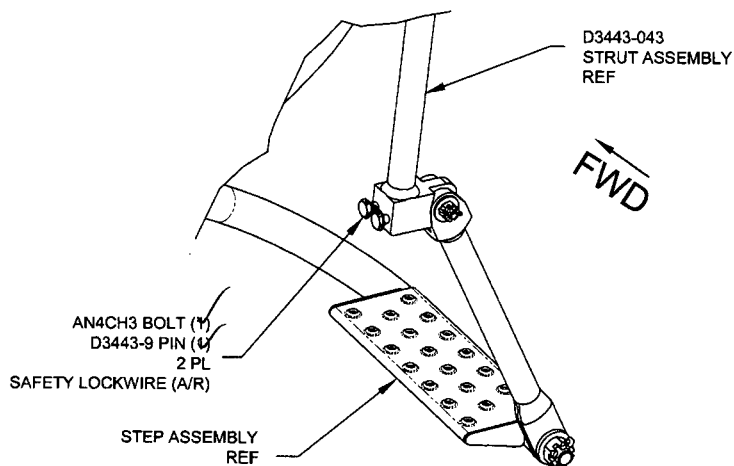


FIGURE 24 – Detail Safety Wiring, D412-630-032 RH, Pilot/Co-Pilot Folding-Step Installation (Shown)
D412-630-031 LH (Opposite)

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Revision: M
Date: 08.12.12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

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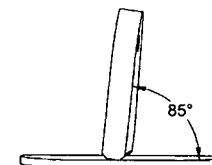
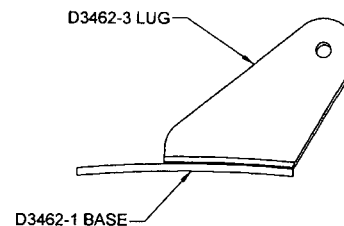
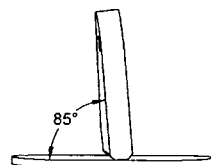
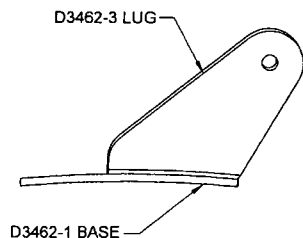
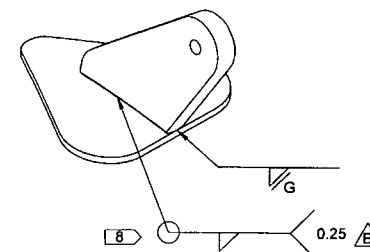
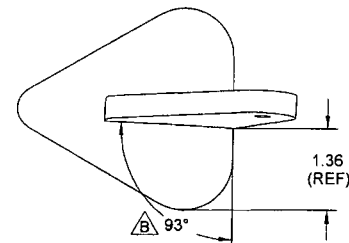
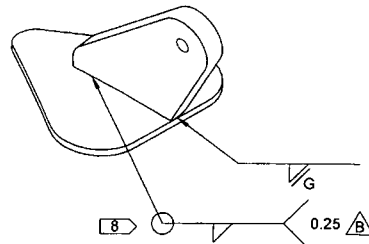
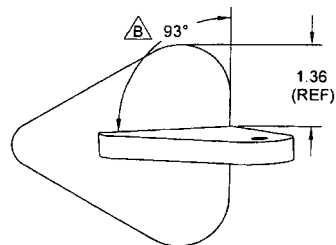
D412-630
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Qty -031	Qty -032	Part Number	Description
X		D412-630-031	PILOT/CO-PILOT STEP, LH (FOLDING)
	X	D412-630-032	PILOT/CO-PILOT STEP, RH (FOLDING)
1	1	D3443-041	STRUT ASSEMBLY
1	1	D3443-043	STRUT ASSEMBLY
2	2	D3443-9	PIN
1	1	D3454-1	BUSHING
2	2	D3454-3	BUSHING
2	2	D3454-5	BUSHING
2	2	D3454-7	BUSHING
6	6	D3455-1	SPACER -2
2	2	D3455-3	SPACER
1		D3462-041	BRACKET ASSEMBLY
	1	D3462-042	BRACKET ASSEMBLY
1		D3463-041	STEP ASSEMBLY
	1	D3463-042	STEP ASSEMBLY
1	1	D3465-1	WASHER
2	2	AN310-4	NUT (-)
2	2	AN310-5	NUT
1	1	AN310-7	NUT
3	3	AN3C-5A	BOLT
1	1	AN44-C12	* EYEBOLT
1	1	AN4C14	BOLT
1	1	AN4C15	BOLT
2	2	AN4CH3	BOLT
1	1	AN5C11	BOLT
1	1	AN5C15	BOLT
7	7	AN960C10	WASHER
1	1	AN960C516	WASHER
3	3	MS21043-3	NUT
2	2	MS24665-227	COTTER PIN (-)
2	2	MS24665-229	COTTER PIN
1	1	MS24665-302	COTTER PIN
1	1	NAS1515H5	WASHER

* USE AN44-C12 EYEBOLT WHEN D412-630-031/-032 IS INSTALLED IN CONJUNCTION WITH D412-630-023/-024/-033/-034™ HELI-ACCESS-STEP

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Revision: **M**
Date: 08.12.12



D3462-041 BRACKET ASSEMBLY

D3462-042 BRACKET ASSEMBLY

QTY -041	QTY -042	P/N	DESCRIPTION
X		D3462-041	BRACKET ASSEMBLY
	X	D3462-042	BRACKET ASSEMBLY
1	1	D3462-1	BASE
1	1	D3462-3	LUG

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT WHITE (4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3462-041" OR "D3462-042" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.75 lbs (TYP)
- 8) WELDING: PER DART QSI 004

C	SHOW VIEWS OF D3462-041 & D3462-042, UPDATE DWG REASON: PRODUCTION FACILITY	DC	07.10.24
B	REVISE DIMENSIONS	RF	05.12.05
A	NEW ISSUE	RF	05.09.20
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	07.10.24		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D3462	REV. C SHEET 1 OF 2
TITLE BRACKET ASSEMBLY	SCALE 1:2
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